

# INSTRUCTIONS TO CONVERT ICE MACHINE CAM-ARM LIMIT SWITCHES TO MAGNETIC REED SWITCHES

DOC# 307108501

P/N 102150501

Remove wires from micro switches and tag the wires. Note that the forward switch is the limit switch for the plate up (CW cam arm rotation to 12 o'clock) position and the rear switch is the limit switch for the plate down (CCW cam arm rotation to 7 o'clock) position.

Remove the switch support and switches from the motor.

Loosen the set screws and remove the switch actuators from the motor shaft extension.

Remove the roll pin and the motor shaft extension from the motor shaft.

Position the magnet switch and holder assembly on the motor and fasten with two machine screws. See photo for approximate location of this assembly.

Position the magnet and holder assembly into the slot in the motor shaft, align the holes and push the roll pin through the motor shaft to hold in place. See photo for proper orientation of this assembly.

Connect wires as shown in diagram below. Note- upper switch provides limit for plate up (CW arm rotation) and the lower switch provides limit for plate down (CCW arm rotation). Adjust the switch assembly left to decrease and right to increase the travel of the cam arms.

Note- adjust so when plate is closed, the cam arm is at 12 o'clock.

